

JJ-10 072-1US
Application No. 09/726,032
Amendment dated July 19, 2004

Page 2

Listing of Claims:

1. (currently amended) A method for controlling odor associated with deposits of organic material which can cause odors on a soft surface selected from fibrous material and plastic film, the method comprising applying to the surface a composition comprising one or more adhering agents and a preparation of dormant bacteria, which when activated are effective to control odors, the preparation of the dormant bacteria being allowed to become associated with the surface such that when the surface is subsequently exposed to organic material which can cause odors, the dormant bacteria are capable of becoming active and digesting the organic material.
2. (original) A method as claimed in claim 1 wherein the dormant bacteria are sporulated forms of one or more strains selected from the bacterial genera Bacillus.
3. (original) A method as claimed in claim 1 wherein the dormant bacteria are sporulated forms of one or more strains selected from the group of bacterial species consisting essentially of Bacillus megaterium, Bacillus pasteurii, Bacillus laevolacticus and Bacillus amyloliquefaciens.
4. (previously amended) A method as claimed in claim 3 wherein the dormant bacteria are applied to the surface at a concentration of between about 10^6 and about 10^8 cells per square inch of the surface.
5. (previously amended) A method as claimed in claim 4 wherein the dormant bacteria are applied to the surface at a concentration of about 10^7 cells per square inch of the surface.

JJ-10 072-1US
Application No. 09/726,032
Amendment dated July 19, 2004

Page 3

6. (currently amended) A method as claimed in claim 3 wherein the preparation of dormant bacteria comprises:

<u>Species</u>	<u>% of total bacteria</u>
<u>Bacillus megaterium</u>	5-60
<u>Bacillus pasteurii</u>	10-40
<u>Bacillus laevolacticus</u>	10-40
<u>Bacillus amyloliquefaciens</u>	10-40

7. (currently amended) A method as claimed in claim 3 wherein the preparation of dormant bacteria comprises:

<u>Species</u>	<u>% of total bacteria</u>
<u>Bacillus megaterium</u>	40
<u>Bacillus pasteurii</u>	20
<u>Bacillus laevolacticus</u>	20
<u>Bacillus amyloliquefaciens</u>	20

8. (original) A method as claimed in claim 3 wherein the one or more adhering agents are one or more anti-soiling fluorochemicals or stain-blocking chemicals.

9. (original) A method as claimed in claim 8 wherein the one or more stain-blocking chemicals are selected from the group consisting of sulfonated phenol formaldehyde condensate polymer, sulfonated naphthol formaldehyde condensate polymer, and hydrolyzed vinyl aromatic maleic anhydride polymer.

10. (previously amended) A method as claimed in claim 3 wherein the one or more adhering agents are one or more anti-soiling fluorochemicals.

11. (previously amended) A method as claimed in claim 1 wherein the composition further includes one or more odor neutralizing or trapping agents selected from sodium bicarbonate and molecular sieves.

JJ-10 072-1US
Application No. 09/726,032
Amendment dated July 19, 2004

Page 4

12. (currently amended) An aqueous odor controlling bacterial composition for a soft-surface selected from fibrous material and plastic film to impart odor control to the surface, the composition comprising one or more adhering agents and an effective amount of dormant odor controlling bacteria.

13. (original) An aqueous odor controlling bacterial composition as claimed in claim 12 wherein the dormant bacteria are one or more strains selected from the group of bacterial genera consisting of Bacillus, Enterobacter, Streptococcus, Nitrosomonas, Nitrobacter, Pseudomonas, Alcaligenes and Klebsiella.

14. (original) An aqueous odor controlling bacterial composition as claimed in claim 13 wherein the dormant bacteria are one or more strains selected from the group of bacterial species consisting essentially of Bacillus megaterium, Bacillus pasteurii, Bacillus laevolacticus and Bacillus amyloliquefaciens.

15. (previously amended) An aqueous odor controlling bacterial composition as claimed in claim 14 wherein the dormant bacteria are for application to the surface at a concentration of between about 10^6 and about 10^8 cells per square inch of surface.

16. (previsouly amended) An aqueous odor controlling bacterial composition as claimed in claim 14 wherein the dormant bacteria comprises:

<u>% of total bacteria</u>	
<u>Species</u>	<u>Range</u>
<u>Bacillus megaterium</u>	5-60
<u>Bacillus pasteurii</u>	10-40
<u>Bacillus laevolacticus</u>	10-40
<u>Bacillus amyloliquefaciens</u>	10-40

17. (previously amended) An aqueous odor controlling bacterial composition as claimed in claim 14 wherein the dormant bacteria comprises:

JJ-10 072-1US
Application No. 09/726,032
Amendment dated July 19, 2004

Page 5

<u>Species</u>	<u>% of total bacteria</u>
<u>Bacillus megaterium</u>	40
<u>Bacillus pasteurii</u>	20
<u>Bacillus laevolacticus</u>	20
<u>Bacillus amyloliquefaciens</u>	20

18. (original) An aqueous odor controlling bacterial composition as claimed in claim 14 wherein the one or more adhering agents are one or more stain-blocking chemicals selected from the group consisting of sulfonated phenol formaldehyde condensate polymer, sulfonated naphthol formaldehyde condensate polymer, and hydrolyzed vinyl aromatic maleic anhydride polymer.

19. (previously amended) An aqueous odor controlling bacterial composition as claimed in claim 14 wherein the one or more adhering agents are one or more anti-soil fluorochemicals.

20. (original) An aqueous odor controlling bacterial composition as claimed in claim 14 wherein the composition includes one or more odor neutralizing or trapping agents selected from sodium bicarbonate and molecular sieves.

21. - 32 (cancelled).